Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 06 Apr 2021 until 23:59 on Wednesday 07 Apr 2021

Forecast Issued on Monday 05 Apr 2021 at 17:58

Confidence: High confidence for cold conditions to persist through to Thursday, with a medium certainty for a brief milder spell on Friday.

Headline for Tuesday 06 Apr 2021: Cold with increasing risk of frequent snow showers and strong winds through the day.

Mountain weather hazards on Tuesday 06 Apr 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Light snow	Light snow	Sunny intervals	Clear night	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Tuesday 06 Apr 2021

Weather: A clear and dry night, but breezy at times on the tops. Bright with long sunny spells through the morning, but snow showers will develop from the north to all areas from early morning, becoming more frequent during the afternoon, accompanied by gusty winds. Some slight accumulations are possible on the highest tops. Showers easing in the evening to leave a cold and clear evening.

Chance of cloud free mountain/hill tops above 600m: Above 90% at first, but falling to 60% in the snow showers from mid-morning.

Visibility: Generally very good visibility, but with sharp falls to very poor visibility in the showers. Bases could temporarily drop to 600m in the heaviest showers.

Forecast for Tuesday 06 Apr 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 NW	19/26 NW	18/25 NW	20/28 NW	24/35 NW	21/30 NW	17/25 NW	17/26 NW	17/26 NW
300	11/26 NW	10/25 NW	9/23 NW	15/28 NW	16/32 NW	13/27 NW	12/25 NW	12/28 NW	13/27 NW
Valley	7/22 NW	5/20 NW	5/19 NW	13/25 NW	13/27 N	13/29 NW	11/24 NW	5/19 NW	6/19 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-5/-13	-6/-14	-6/-14	-4/-12	-3/-12	-2/-10	-2/-9	-4/-11	-5/-12
300	-3/-8	-4/-9	-4/-9	0/-6	-0/-6	1/-4	0/-5	-2/-8	-3/-9
Valley	-1/-5	-2/-5	-2/-6	2/-3	1/-4	3/-1	2/-2	-1/-4	-2/-5
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Surfaces could turn very slippery overnight in the cold and frosty conditions. Weather is likely to change very rapidly through Tuesday with snow showers reducing visibility significantly without warning. It will also be bitterly cold throughout.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 05 Apr 2021	0.8mm	0.8mm	0.8mm

Forecast for Wednesday 07 Apr 2021

Weather: Another cold, clear and frosty start to the day, giving way to a bright and breezy morning with long spells of sunshine, but staying cold in raw northerly winds. Turning cloudier through the afternoon and evening with rain perhaps reaching the western summits by dusk.

Maximum wind: Northwesterly 15mph with gusts of 25mph, easing through the day.

Chance of cloud free mountain/hill tops above 600m: 100% through much of the morning period, falling to 30% for western summits through the afternoon and evening, but staying mainly above the summits in the east.

Visibility: Very good through much of the day, but perhaps falling to moderate through the afternoon and evening as rain moves eastward, bringing some cloud bases down to around 400-600m.

Temperature: **Valleys:** Minus 2 Celsius becoming plus 6 Celsius.
At 600m: Minus 5 Celsius becoming minus 1 Celsius
Freezing level: All levels at first, rising to 400m by the evening.